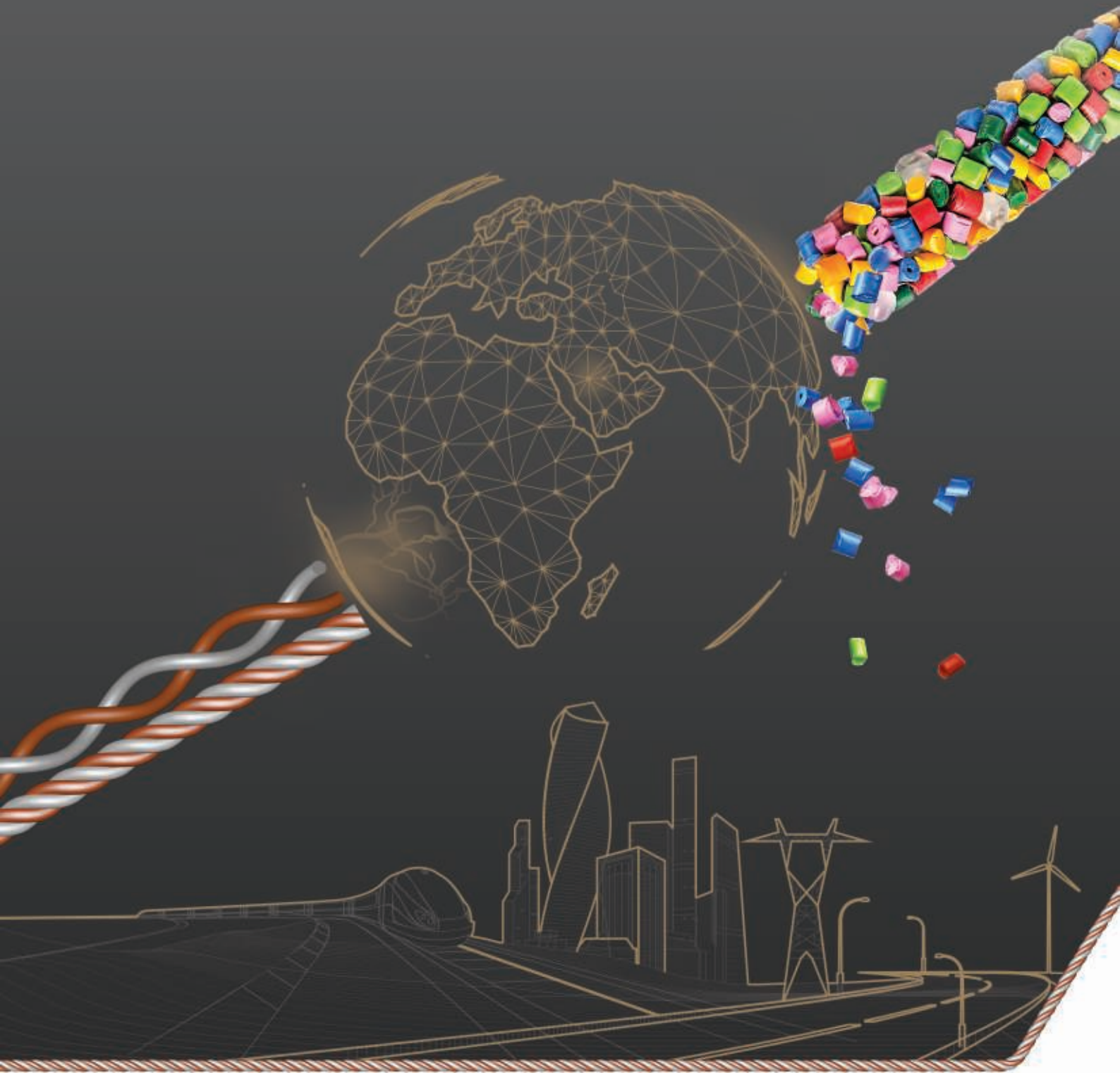


RAW MATERIALS



شركة مجموعة كابلات الرياض
Riyadh Cables Group Company

Riyadh Cables

Group
Company

COPPER ROD

The wires and cables portfolio of Riyadh Cables Group covers innumerable applications and spans diverse sectors – from energy to control and communication, from copper & aluminum rods, PVC, XLPE and LSHF compounds to wooden & steel drums – manufactured at state-of-the-art production facilities that comply with national and international standards.

Using the continues casting process, we produce best quality 8mm diameter Copper Rod with the minimum conductivity of 101%.

Our copper rod is suitable to produce all type of power and communication cables, house wire, magnet wires, etc..

Property	Typical Value
Purity	>99.9 %
Oxygen Content	200-350 ppm
Conductivity	>101.0 IACS %
Surface Oxide	<500 Angstrom
Elongation	>35 %
Tensile Strength	220-240 N/mm ²

Packaging

Coil Weight & Dimension	
Weight	3000 – 5000 kgs +/-100kgs
Outer Dia	1530 to 1540 mm
Inner Dia	682 to 750mm



ALUMINIUM ROD

We produce high quality EC Grade Aluminium Rod suitable for the production of power cables, overhead line conductors, magnet wires and for armoring etc.

	Dimension	Temper	Mechanical Properties			
			Tensile		Conductivity	Elongation
			Min	Max	(min%)	250 mm Gauge Length (min %)
Grade 1350	9.5mm +/-0.5mm	H11	80	95	61.5	15
		H12	95	110	61.5	10
		H14	115	130	61.5	4
Grade 1370		H11	80	95	61.5	15
		H12	95	110	61.5	10
		H14	115	130	61.5	4

PACKAGING

Coil Weight & Dimension	
Weight	2000kgs +/-100kgs
Outer Dia	1350 to 1450mm
Inner Dia	550 to 600mm
Height	850 to 860mm



COPPER & ALUMINIUM WIRES

With the wide experience and advance drawing technology, we can supply the best quality of Copper and Aluminium Wires in different dimensions.

	Copper Wires	Aluminum Wires
Diameters (mm)	4.30-0.20	4.70-1.60
Conductivity	>101.0 IACS %	>61.20 IACS %

TINNED COPPER WIRES

Tinned copper wire is particularly useful where excellent electrical conductivity and thermal resistance is required. We produce tinned copper wire in various dimension as per customer need.



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RIYADH CABLES

COMPOUNDS

RCI 70

At Riyadh Cables, we produce the PVC grades that are required for insulation and sheathing material in cables. Our PVC Granules are produced to the best quality specifications using state-of-the-art machines and the most advanced automatic mixing technology

RCI 70 FLEX

RCI 70 is a fire retardant poly vinyl chloride compound (Natural) conforms to IEC 60332-1 and designed for general purpose cables insulation at maximum conductor operating temperature of 70° C. This product exhibits a very good processing performance and conforms to PVC/A of IEC 60502-1. Note: All colors are available upon request.

RCI 70 FLEX is a highly flexible and fire retardant polyvinyl chloride compound (Natural) conforms to IEC 60332-1 and designed for general purpose wires insulation at maximum conductor operating temperature of 70°C. This product exhibits a very good processing performance and conforms to PVC/D of IEC 60227 and TI 2 of BS EN 50363-3.

Note: All colors are available upon request.

RCS 90 FLEX

RCS 90 is a fire retardant polyvinyl chloride compound (Natural) conforms to IEC 60332-1 and designed for general purpose cable sheathing at maximum conductor operating temperature of 90°C. This product exhibits a very good processing performance and conforms to ST2 of IEC 60502 and Type 9 of BS 7655.

Notes:

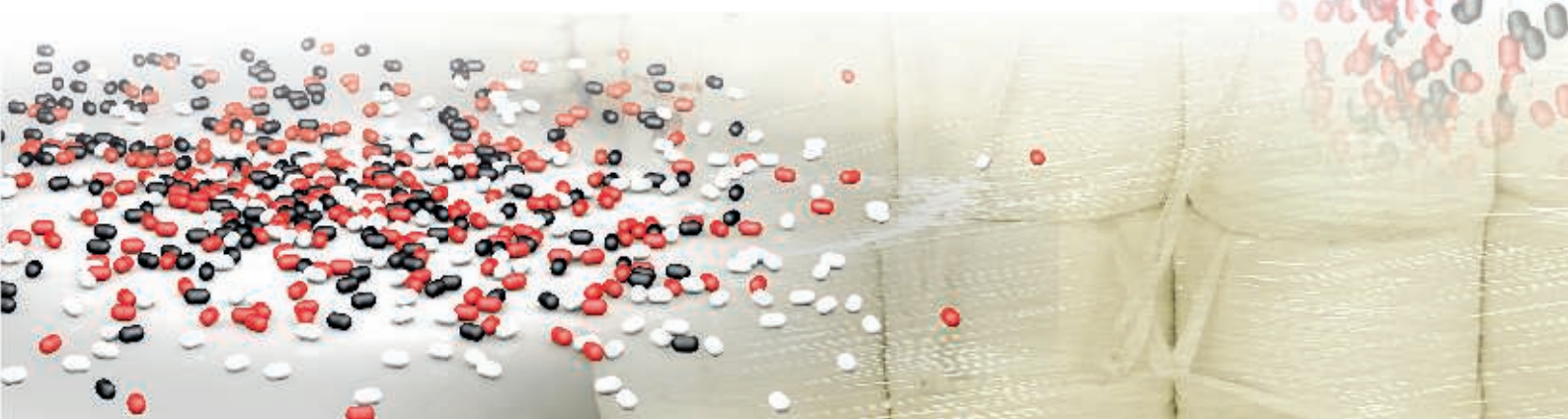
All colors are available upon request.

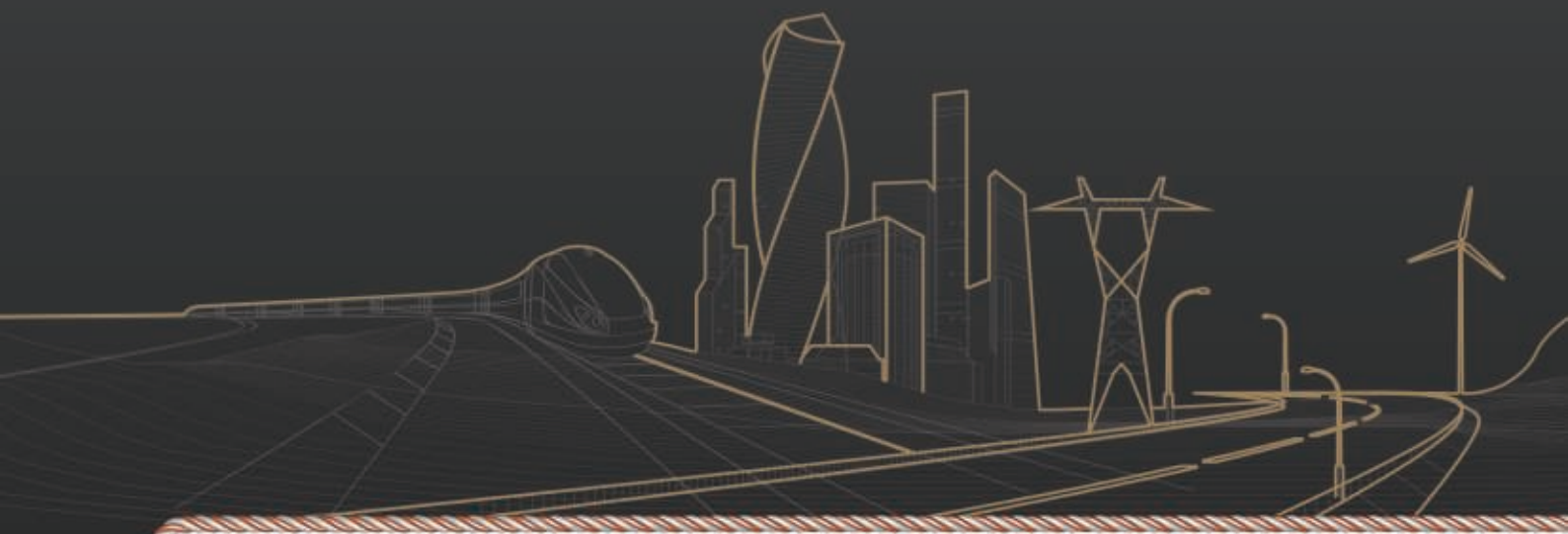
Sunlight resistant, flame retardant (IEC 60332-3 Category A, B or C) and oil resistant properties are available upon request.

PP FILLER FLEX

PP Filler Yarn is a fibrillated polypropylene film used as filling material in cable manufacturing.

The filler employed in multi-core cables, being laid in the interstices of the cable cores to make the assembled cable shaping round.





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